Water Quality Report 2014



A subsidiary district of the City of Carlsbad

Este informe contiene informacion muy importante sobre su agua potable. Traduzcalo o hable con alguien que lo entienda bien.

Water provided by the Carlsbad Municipal Water District meets all 2013 state and federal drinking water standards. This report provides detailed water quality test results and explains where Carlsbad's water comes from.

Where our water comes from

The Carlsbad Municipal Water District currently imports all of its drinking water supply. There are no local sources of drinking water. The imported water supply begins hundreds of miles away as snow melt or rainfall that flows into rivers. The two main sources of water are from the Colorado River, transported through the Colorado River Aqueduct and from Northern California, transported through the California Aqueduct (also known as the State Water Project.)



California Aqueduct

Water from these sources is imported and treated by the Metropolitan Water District of Southern California at its Lake Skinner Treatment Plant in Riverside County and by the San Diego County

Water Authority at its Twin Oaks Valley Water Treatment Plant in San Marcos. After rigorous treatment, the water travels through San Diego County Water Authority owned pipelines and is purchased and distributed by the Carlsbad Municipal Water District to its customers.

Conserve a precious resource

Due to ongoing drought conditions and environmental restrictions on water from Northern California, the Carlsbad Municipal Water District has declared a "Drought Response Level 1." Residents

and businesses are encouraged to reduce water consumption by 10 percent. For more information on water use rules and recommended conservation measures, please visit www.carlsbadca.gov/water.

Sources

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. Environmental Protection Agency's Safe Drinking Water Hotline at 800-426-4791.

Contaminants that might be present in source water include:

- Microbial contaminants, such as viruses and bacteria, that can come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

2013 Carlsbad Water Quality Analysis

Parameter	Units	State or Federal MCL [MRDL]	PHG (MCLG) [MRDL]	State DLR	Range Average	Skinner Plant Effluent	Twin Oaks Plant	CMWD System Samples	Major Sources in Drinking Water
Percent State Project Water	%	NA	NA	NA	Range Average	13-82 34	NA NA	ND ND	
PRIMARY STANDAR	RDSM	andator	y Health	-Relate	d Standards	5			
CLARITY									
Combined Filter	NTU	TT=1			Highest	0.09	0.02-0.04	ND	
Effluent Turbidity	%	TT (a)	NA	NA	% ≤ 0.3	100	100	ND	Soil runoff
MICROBIOLOGICAL	-								
Total Coliform	0,		(0)		Range	ND-0.2	ND	ND	
Bacteria (b)	%	5.0	(0)	NA	Average Range	ND ND	ND ND	ND ND	Naturally present in the environment
E. coli	(c)	(c)	(0)	NA	Average	ND	ND	ND	Human and animal fecal waste
INORGANIC CHEMIC	CALS								
					Single	ND	ND	ND	Natural deposits erosion, glass
Arsenic 31 Residential Sampled in 2012	ppb	10	0.004	2	Sample No.>AL	ND ND	2 ND	ND 0	and electronics, production wastes Internal corrosion of household pipes;
Copper	ppm	AL = 1.3	0.3	0.05	90%ile	ND	ND	0.30	natural deposits erosion
			Control Ra			0.7 - 1.3	0.5-0.9	ND	
Fluoride (f)		0	ptimal Fluorio	de Level	Range	0.8	0.7	ND ND	Erosion of natural deposits;
Treatment-related Fluoride	ppm	2.0	1	0.1	Average	0.7-1.0	0.5-0.9	ND	water additive that promotes strong teeth
31 Residential Sampled in 2012					No.>AL	ND	ND	0	House pipes internal corrosion;
Lead (e)	ppb	AL = 15	0.2	5	90%ile Range	ND ND	ND ND	ND ND	erosion of natural deposits Runoff and leaching from fertilizer use;
Nitrate	ppm	10	10	0.4	Average	ND ND	ND ND	ND ND	septic tank and sewage; natural deposits erosi
RADIOLOGICALS									
					Range	ND - 2	1.7 - 2.3	ND	
Uranium	pCi/L	20	0.43	1	Average	1	2.0	ND	Erosion of natural deposits
DISINFECTION BY-F	PRODU	CTS, DIS	SINFECT	ANT RE	SIDUALS,	AND DISI	NFECTIO	ON BY-PR	ODUCT PRECURSORS (g)
Total Trihalomethanes					Range	13-32	22-38	13-41	
(TTHM) CMWD 2013 Samples Haloacetic Acids (five)	ppb	80	NA	1.0	Highest LRAA Range	21 1.9-7.8	32 ND-3.8	39 3.1-13.0	By-product of drinking water chlorination
(HAA5) CMWD 2013 Samples	ppb	60	NA	1.0	Highest LRAA	4.0	2.2	11	By-product of drinking water chlorination
					Range	ND-2.9	ND	1.60-2.12	Drinking water disinfectant added for treatment
Total Chlorine Residual	ppm	[4.0]	[4.0]	NA	Highest RAA Range	2.3	ND 1.4-4.9	2.1 ND	
Bromate (d)	ppb	10	0.1	1.0	Highest RAA	5.9	2.6	ND	By-product of drinking water ozonation
SECONDARY STANI	DARDS	Aesthe	etic Stan	dards					
					Range	83-86	ND	ND	Runoff/leaching from natural deposits;
Obleside		500	NA	NA	Average	84	86	ND	seawater influence
Chloride	ppm	300	14/3		_				
				NA	Range Average	1-2	ND ND	ND ND	Naturally-occurring organic materials
Color	Units	15	NA NA		Range Average Range		ND ND ND		Naturally-occurring organic materials Naturally-occurring organic materials
					Average Range Average	2 2 2	ND ND 2	ND ND ND	Naturally-occurring organic materials
Color Odor Threshold (h)	Units	15	NA	NA	Average Range	2 2	ND ND	ND ND	Naturally-occurring organic materials Substances that form ions in water;
Color	Units	15	NA NA	NA 1	Average Range Average Range	2 2 2 830-870	ND ND 2 ND	ND ND ND	Naturally-occurring organic materials
Color Odor Threshold (h) Specific Conductance Sulfate	Units	15	NA NA	NA 1	Average Range Average Range Average Average Range Average Average	2 2 830-870 850 170-180	ND ND 2 ND 840 ND 170	ND	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids	Units TON µS/cm	15 3 1,600	NA NA	NA 1 NA	Average Range Average Range Average Range Average	2 2 2 830-870 850 170-180	ND ND 2 ND 840 ND	ND ND ND ND ND ND ND ND	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids	Units TON µS/cm ppm ppm	15 3 1,600 500	NA NA NA	NA 1 NA 0.5	Average Range Average Range Average Range Average Range Average Range	2 2 830-870 850 170-180 170 500-520	ND ND 2 ND 840 ND 170 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER	Units TON µS/cm ppm ppm	15 3 1,600 500	NA NA NA	NA 1 NA 0.5	Average Range Average Range Average Range Average Range Average Range	2 2 830-870 850 170-180 170 500-520	ND ND 2 ND 840 ND 170 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS)	Units TON µS/cm ppm ppm	15 3 1,600 500	NA NA NA	NA 1 NA 0.5	Average Range Average Average Range Average Range Average Average Average Average	2 2 2 830-870 850 170-180 170 500-520 510	ND ND 2 ND 840 ND 170 ND 490	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER CHEMICAL	Units TON µS/cm ppm ppm	15 3 1,600 500	NA NA NA	NA 1 NA 0.5	Average Range Average Range Average Range Average Range Average Range	2 2 830-870 850 170-180 170 500-520	ND ND 2 ND 840 ND 170 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETEI CHEMICAL Alkalinity	Units TON µS/cm ppm ppm RS	15 3 1,600 500 1,000	NA NA NA NA NA	NA 1 NA 0.5 NA	Average Range Average Range Average Range Average Range Average Single Sample Single	2 2 2 830-870 850 170-180 170 500-520 510	ND ND 2 ND 840 ND 170 ND 490 ND 110 ND ND 110 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETEI CHEMICAL Alkalinity	Units TON µS/cm ppm ppm RS	15 3 1,600 500 1,000	NA NA NA NA	NA 1 NA 0.5 NA	Average Range Average Range Average Range Average Range Average Sange Average Single Sample Single Sample	2 2 2 830-870 850 170-180 170 500-520 510 72-130 110 120	ND ND 2 ND 840 ND 170 ND 490 ND ND 110 ND 120	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER	Units TON µS/cm ppm ppm RS	15 3 1,600 500 1,000	NA NA NA NA NA	NA 1 NA 0.5 NA	Average Range Average Range Average Range Average Range Average Single Sample Single	2 2 2 830-870 850 170-180 170 500-520 510	ND ND 2 ND 840 ND 170 ND 490 ND 110 ND ND 110 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER CHEMICAL Alkalinity Boron Calcium	Units TON µS/cm ppm ppm ppm ppm ppm	15 3 1,600 500 1,000 NA NL=1,000	NA NA NA NA NA NA NA NA	NA 1 1 NA 0.5 NA NA 100 NA	Average Range Average Range Average Range Average Range Average Single Sample Single Sample Single Sample Single Sample Sample Single Sample Range	2 2 830-870 850 170-180 170 500-520 510 72-130 110 120 120 56-59 58 51	ND ND 2 ND 170 ND 490 ND 110 ND 120 ND 120 ND 140 ND 140 ND 120 ND 57 180-280	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; industrial wastes By-product of drinking water chlorination;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER CHEMICAL Alkalinity Boron	Units TON µS/cm ppm ppm RS	15 3 1,600 500 1,000 NA NL=1,000	NA NA NA NA NA NA	NA 1 NA 0.5 NA NA 100	Average Range Average Range Average Range Average Range Average Single Sample Single Sample Single Sample Single Sample Single Range Range	2 2 2 830-870 850 170-180 170 500-520 510 72-130 110 120 120 56-59 58 51 28-72	ND ND 2 ND 840 ND 170 ND 490 ND 120 ND 120 ND 120 ND 228	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; industrial wastes By-product of drinking water chlorination; industrial processes
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER CHEMICAL Alkalinity Boron Calcium	Units TON µS/cm ppm ppm ppm ppm ppm	15 3 1,600 500 1,000 NA NL=1,000	NA NA NA NA NA NA NA NA	NA 1 1 NA 0.5 NA NA 100 NA	Average Range Average Range Average Range Average Range Average Range Single Sample Single Sample Single Sample Single Sample Sample Range	2 2 830-870 850 170-180 170 500-520 510 72-130 110 120 120 56-59 58 51	ND ND 2 ND 170 ND 490 ND 110 ND 120 ND 120 ND 140 ND 140 ND 120 ND 57 180-280	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; industrial wastes By-product of drinking water chlorination;
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETER CHEMICAL Alkalinity Boron Calcium Chlorate Chromium VI (i) Corrosivity (j)	Units TON µS/cm ppm ppm ppm ppm ppb ppb ppb	15 3 1,600 500 1,000 NA NL=1,000 NA NL=800 NA	NA	NA 1 1 NA NA 100 NA 20 1	Average Range Average Range Average Range Average Range Average Range Average Single Sample Single Sample Sample Sample Average Range Average Single Sample Single Sample Single Sample Single Sample Single	2 2 2 830-870 850 170-180 170 500-520 510 72-130 110 120 56-59 58 51 28-72 ND ND	ND ND 2 ND 840 ND 170 ND 490 ND 110 ND 120 ND 57 180-280 228 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; industrial wastes By-product of drinking water chlorination; industrial processes Runoff/leaching from natural deposits; discharge from industrial waste factories Elemental balance in water; affected
Color Odor Threshold (h) Specific Conductance Sulfate Total Dissolved Solids (TDS) OTHER PARAMETEI CHEMICAL Alkalinity Boron Calcium Chlorate Chromium VI (i) Corrosivity (i) (as Aggressiveness Index)	Units TON µS/cm ppm ppm ppm ppm ppb ppm	15 3 1,600 500 1,000 NA NL=1,000 NA NL=800	NA NA NA NA NA NA NA NA NA	NA 1 1 NA 0.5 NA NA 100 NA 20	Average Range Average Range Average Range Average Range Average Range Average Single Sample Single Sample Sample Average Single Sample	2 2 830-870 850 170-180 170 500-520 510 72-130 110 120 120 56-59 58 51 28-72 ND ND 12.4-12.5	ND ND 2 ND 840 ND 170 ND 110 ND 120 ND 120 ND 228 ND	ND N	Naturally-occurring organic materials Substances that form ions in water; seawater influence Runoff/leaching from natural deposits; industrial wastes Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits; industrial wastes By-product of drinking water chlorination; industrial processes Runoff/leaching from natural deposits; discharge from industrial waste factories Elemental balance in water; affected by temperature, other factors
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How to read this report

As you read the water quality tables in this report, compare the level of contaminants found in Carlsbad Municipal Water District's water in the "Skinner Plant" and "Twin Oaks Valley Plant" columns with the standards set for them in the MCL and PHG columns. The Carlsbad Municipal Water District met all drinking water standards in 2013.

The following are key terms to help you understand the standards used to measure drinking water safety.

Maximum Contaminant Level (MCL) The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG) The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency.

Public Health Goal (PHG) The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL) The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standard (**PDWS**) MCLs and MRDLs for contaminants that affect health along with their monitoring and

reporting requirements, and water treatment requirements.

Treatment Technique A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

This report can be downloaded from www.carlsbadca.gov/water-quality-report

Abbreviations

Al Aggressiveness Index

AL Action Level

CDPH California Department of Public Health

CFE Combined Filter Effluent
CFU Colony-Forming Units
DBP Disinfection By-Products

DLR Detection Limits for purposes of Reporting

MCL Maximum Contaminant Level
MCLG Maximum Contaminant Level Goal

MFL Million Fibers per Liter

MRDL Maximum Residual Disinfectant Level
MRDLG Maximum Residual Disinfectant Level Goal

N Nitrogen
NA Not Applicable
ND Not Detected
NL Notification Level

NTU Nephelometric Turbidity Units

pCi/L picoCuries per Liter PHG Public Health Goal

ppb parts per billion or micrograms per liter (μg/L)
 ppm parts per million or milligrams per liter (mg/L)
 ppq parts per quadrillion or picograms per liter (pg/L)
 ppt parts per trillion or nanograms per liter (ng/L)

RAA Running Annual Average; highest RAA is the highest of all Running

Annual Averages calculated as average of all the samples collected

within a 12-month period
SI Saturation Index (Langelier)
TOC Total Organic Carbon
TON Threshold Odor Number

TT Treatment Technique is a required process intended to reduce the level

of a contaminant in drinking water

μS/cm microSiemen per centimeter; or micromho per centimeter (μmho/cm)

Required information for lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Carlsbad Municipal Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at www.epa.gov/safewater/lead.

Footnotes

- (a) (Skinner) As a Primary Standard, the turbidity levels of the filtered water were ≤ 0.3 NTU in 95% of the online measurements taken each month and did not exceed 1 NTU for more than one hour. The turbidity levels for grab samples at these locations were in compliance with the Secondary Standard. (Twin Oaks) The turbidity level from the CFE of the membranes shall be ≤ 0.1 NTU in 95% of the measurements taken each month and shall not exceed 1.0 NTU at any time. Turbidity, a measure of the cloudiness of water, is an indicator of treatment performance.
- (b) Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform positive. Compliance is based on the combined distribution system sampling. In 2013, 1,593 samples were analyzed with one positive in June. The MCL was not violated.
- (c) E. coli MCL: The occurrence of two consecutive total coliform-positive samples, one of which contains E. coli, constitutes an acute MCL violation. The MCL was not violated.
- (d) Twin Oaks running annual average was calculated from quarterly results of monthly and daily samples. Bromate reporting level is 3ppb.
- (e) Lead and copper are regulated as a Treatment Technique under the Lead and Copper Rule, which requires water samples to be collected at the consumers' tap. If action levels are exceeded in more than 10% of the samples, water systems must take steps to reduce these contaminants.
- (f) Skinner and Twin Oaks were in compliance with all provisions of the State's Fluoridation System Requirements.
- (g) Twin Oaks met all provisions of the Stage 1 Disinfectants/Disinfection By-Products (D/DBP) Rule. Compliance was based on the RAA. Average and range for the treatment plant effluent were taken from daily and monthly samples for TTHM and HAA5.
- (h) In May 2013, monitoring frequency for Skinner was reduced from quarterly to annual when RAA returned to <3 TON. Per CDPH requirements, quarterly monitoring was conducted following a secondary MCL exceedance in April 2008.
- (i) Chromium VI reporting level is 0.03 ppb, which is below the state DLR of 1 ppb.
- (j) AI <10.0 = Highly aggressive and very corrosive water. AI ≥12.0 = Non-aggressive water. AI (10.0 - 11.9) = Moderately aggressive water.
- (k) Positive SI index = non-corrosive; tendency to precipitate and/or deposit scale on pipes. Negative SI index = corrosive; tendency to dissolve calcium carbonate.

Sources continued

- Pesticides and herbicides, that can come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application and septic systems.
- Radioactive contaminants, that can be naturally occurring or be the result of oil and gas production and mining activities.



Colorado River

Drinking water regulations

To ensure tap water is safe to drink, the U.S. Environmental Protection Agency and the California Department of Public Health prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department of Public Health regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

Special note:

Some people might be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly

Some people might be more vulnerable to contaminants in drinking water than the general population.

persons, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. Environmental Protection Agency/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline at 800-426-4791.

Source water assessment and protection

The Metropolitan Water District of Southern California completed the one time source water assessment required by the USEPA in December 2002.* Colorado River supplies are considered to be most vulnerable to contamination from recreation, urban/stormwater runoff, increasing urbanization in the watershed

and wastewater. State Water Project supplies are considered to be most vulnerable to contamination from urban/stormwater runoff, wildlife, agriculture, recreation and wastewater. A summary of the assessment can be obtained by calling the Metropolitan Water District at 213-217-6850.

Storm drain

*Metropolitan's most recent watershed sanitary surveys were completed in March (Colorado River) and June 2012 (State Water Project). These reports are required by the CDPH every five years.

How to contact us

This report covers testing for contaminants in 2013. For questions or concerns regarding the quality of Carlsbad's drinking water, contact the Carlsbad Municipal Water District at **760-438-2722** or email water@carlsbadca.gov.

To participate in decisions that affect drinking water in the Carlsbad Municipal Water District service area, please watch the Carlsbad Municipal Water District Board of Directors meeting agenda for drinking water items. Carlsbad Municipal Water District Board meetings are held in conjunction with the Carlsbad City Council on an as needed basis on

Tuesday evenings. Agendas may be obtained at www.carlsbadca.gov or Carlsbad City Hall, 1200 Carlsbad Village Drive. Comments regarding drinking water are always welcome.

Notification of this report is sent to all Carlsbad Municipal Water District customers. This report may be photocopied and distributed or posted. This report can be downloaded from www.carlsbadca.gov/water-quality-report.

Carlsbad Municipal Water District

5950 El Camino Real, Carlsbad, CA 92008 Hours: Monday through Friday, 8 a.m. to 5 p.m. 760-438-2722 • water@carlsbadca.gov

Additional sources for water quality information:

San Diego County Water Authority 858-522-6600 • www.sdcwa.org

Metropolitan Water District of Southern California 800-CALL-MWD (225-5693) www.mwdh2o.com

California Department of Public Health

Division of Drinking Water & Environmental Management 619-525-4159 • www.cdph.ca.gov

U.S. Environmental Protection Agency

Office of Ground Water & Drinking Water Safe Drinking Water Hotline 800-426-4791 www.epa.gov/safewater/hfacts.html



A subsidiary district of the City of Carlsbad